

## Bureau of Land Management, Interior

## § 3275.21

(6) If the meter measures heat content, it must have an accuracy reading of  $\pm 4$  percent, or better; or

(7) If the meter measures two-phase flow at any rate, BLM will determine and inform you of the meter accuracy requirements. You must obtain our prior written approval before installing and using meters for two-phase flow.

(b) Any meters that you do not use to calculate Federal royalty are considered production meters, which must maintain an accuracy of  $\pm 5$  percent or better.

(c) We may modify these requirements as necessary to protect the interests of the United States.

### **§ 3275.16 What standards apply to installing and maintaining meters?**

(a) You must install and maintain all meters that we require, either according to the manufacturer's recommendations and specifications or paragraphs (b) through (e) of this section, whichever are more restrictive.

(b) If you use an orifice plate to calculate Federal royalty, the orifice plate installation must comply with "API Manual of Petroleum Measurement Standards, Chapter 14, Section 3, Part 2, Fourth Edition, April 2000."

(c) For meters used to calculate Federal royalty, you must calibrate the meter against a known standard as follows:

(1) You must annually calibrate meters measuring electricity;

(2) You must calibrate meters measuring steam or hot water flow with a turbine, vortex, ultrasonics, or other linear devices, every 6 months, or as recommended by the manufacturer, whichever is more frequent; and

(3) You must calibrate meters measuring steam or hot water flow with an orifice plate, venturi, pitot tube, or other differential device, every month, and you must inspect and repair the primary device (orifice plate, venturi, pitot tube) annually.

(d) You must use calibration equipment that is more accurate than the equipment you are calibrating.

(e) BLM may modify any of these requirements as necessary to protect the resources of the United States.

### **§ 3275.17 What must I do if I find an error in a meter?**

(a) If you find an error in a meter used to calculate Federal royalty, you must correct the error immediately and notify BLM by the next working day of its discovery.

(b) If the meter is not used to calculate Federal royalty, you must correct the error and notify us within 3 working days after its discovery.

(c) If correcting the error will cause a change in the sales quantity of more than 2 percent for the month(s) in which the error occurred, you must adjust the sales quantity for that month(s) and submit an amended facility report to us within 3 working days.

### **§ 3275.18 May BLM require me to test for byproducts associated with geothermal resource production?**

You must conduct any tests we require, including tests for byproducts, if we find it necessary to require such tests for a given operation.

### **§ 3275.19 How do I apply to commingle production?**

To request approval to commingle production, send us a completed and signed Sundry Notice. We will review your request to commingle production from wells on your lease with production from your other leases or from leases where you do not have an interest. Do not commingle production until we have approved your Sundry Notice.

### **§ 3275.20 What will BLM do if I waste geothermal resources?**

We will determine the amount of any resources you have lost through waste. If you did not take all reasonable precautions to prevent waste, we will require you to pay compensation based on the value of the lost production. If BLM finds that you have not adequately corrected the situation, we will follow the noncompliance procedures in § 3277.12.

### **§ 3275.21 May BLM order me to drill and produce wells on my lease?**

BLM may order you to drill and produce wells on your lease when we find it necessary to protect Federal interests, prevent drainage, or ensure that lease development and production

occur in accordance with sound operating practices.

**Subpart 3276—Reports: Utilization Operations**

**§ 3276.10 What are the reporting requirements for facility and lease operations involving Federal geothermal resources?**

(a) When you begin commercial production and operation, you must notify BLM in writing within 5 business days.

(b) Submit completed and signed monthly reports thereafter to BLM as follows:

(1) If you are a lessee or unit operator supplying Federal geothermal resources to a utilization facility on Federal land leased for geothermal resources, submit a monthly report of well operations for all wells on your lease or unit;

(2) If you are the operator of a utilization facility on Federal land leased for geothermal resources, submit a monthly report of facility operations;

(3) If you are both a lessee or unit operator and the operator of a utilization facility on Federal land leased for geothermal resources, you may combine the requirements of paragraphs (b)(1) and (b)(2) of this section into one report; or

(4) If you are a lessee or unit operator supplying Federal geothermal resources to a utilization facility not located on Federal land leased for geothermal resources, and the sales point for the resource utilized is at the facility tailgate, submit all the requirements of paragraphs (b)(1) and (b)(2) of this section. You may combine these into one report.

(c) Unless BLM grants a variance, your reports must be received by BLM by the end of the month following the month that the report covers. For example, the report covering the month of July is due by August 31.

**§ 3276.11 What information must I include for each well in the monthly report of well operations?**

(a) Any drilling operations or changes made to a well;

(b) Total production or injection in thousands of pounds (klbs);

(c) Production or injection temperature in degrees Fahrenheit (deg. F);

(d) Production or injection pressure in pounds per square inch (psi). You must also specify whether this is gauge pressure (psig) or absolute pressure (psia);

(e) The number of days the well was producing or injecting;

(f) The well status at the end of the month;

(g) The amount of steam or hot water lost to venting or leakage, if the amount is greater than 0.5 percent of total lease production. We may modify this standard by a written order describing the change;

(h) The lease number or unit name where the well is located;

(i) The month and year to which the report applies;

(j) Your name, title, signature, and a phone number where BLM may contact you; and

(k) Any other information that we may require.

**§ 3276.12 What information must I give BLM in the monthly report for facility operations?**

(a) For all electrical generation facilities, include in your monthly report of facility operations:

(1) Mass of steam and/or hot water, in klbs, used or brought into the facility. For facilities using both steam and hot water, you must report the mass of each;

(2) The temperature of the steam or hot water in deg. F;

(3) The pressure of the steam or hot water in psi. You must also specify whether this is psig or psia;

(4) Gross generation in kilowatt hours (kwh);

(5) Net generation at the tailgate of the facility in kwh;

(6) Temperature in deg. F and volume of the steam or hot water exiting the facility;

(7) The number of hours the plant was on line;

(8) A brief description of any outages; and

(9) Any other information we may require.

(b) For electrical generation facilities where Federal royalty is based on the sale of electricity to a utility, in